

## P2 CNC

Flexible Polyurethane ducting specially for CNC machines, flame retardant

|                     |                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b> | CNC processing, sawing & milling, wood dust extraction, extraction systems, automation technology & robotics                        |
| <b>Structure</b>    | Polyether-Polyurethane, transparent, steel wire / spring steel wire / coated / PVC                                                  |
| <b>Temperature</b>  | -40°C up to 100°C, short term up to 125°C                                                                                           |
| <b>Properties</b>   | very good flexibility, very good abrasion resistance, good oil & petrol resistance, hydrolysis & microbe resistant, flame-retardant |
| <b>Norms</b>        | flame-retardant according to DIN 4102 / B1   discharge capability according to BGI 739-2 with spiral earthing                       |



hydrolysis resistant



microbe-resistant



flame retardant



grounding wire



abrasion resistant



dust



solids

**made  
in  
Germany**

| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Total Weight per Piece (kg) | Length (m) | Article Number |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------|
| 102                 | 108,00              | 0,65                | 102                 | 0,32                          | 0,15              | 3,44                        | 5          | ND51610200E    |
| 102                 | 108,00              | 0,65                | 102                 | 0,32                          | 0,15              | 4,13                        | 6          | ND51610200G    |
| 102                 | 108,00              | 0,65                | 102                 | 0,32                          | 0,15              | 6,88                        | 10         | ND51610200K    |
| 102                 | 108,00              | 0,65                | 102                 | 0,32                          | 0,15              | 10,32                       | 15         | ND51610200M    |
| 120                 | 128,00              | 0,65                | 120                 | 0,30                          | 0,12              | 9,55                        | 10         | ND51612000K    |
| 120                 | 128,00              | 0,65                | 120                 | 0,30                          | 0,12              | 14,32                       | 15         | ND51612000M    |
| 127                 | 135,00              | 0,65                | 127                 | 0,28                          | 0,10              | 0,00                        | 6          | ND51612700G    |
| 127                 | 135,00              | 0,65                | 127                 | 0,28                          | 0,10              | 0,00                        | 10         | ND51612700K    |
| 127                 | 135,00              | 0,65                | 127                 | 0,28                          | 0,10              | 0,00                        | 15         | ND51612700M    |
| 127                 | 135,00              | 0,65                | 127                 | 0,28                          | 0,10              | 0,00                        | 5          | ND51612700E    |
| 150                 | 158,00              | 0,65                | 150                 | 0,25                          | 0,09              | 5,92                        | 5          | ND51615000E    |
| 150                 | 158,00              | 0,65                | 150                 | 0,25                          | 0,09              | 7,11                        | 6          | ND51615000G    |
| 150                 | 158,00              | 0,65                | 150                 | 0,25                          | 0,09              | 11,85                       | 10         | ND51615000K    |
| 150                 | 158,00              | 0,65                | 150                 | 0,25                          | 0,09              | 17,77                       | 15         | ND51615000M    |
| 160                 | 170,00              | 0,80                | 160                 | 0,20                          | 0,08              | 17,50                       | 10         | ND51616000K    |
| 160                 | 170,00              | 0,80                | 160                 | 0,20                          | 0,08              | 26,25                       | 15         | ND51616000M    |
| 180                 | 190,00              | 0,80                | 180                 | 0,15                          | 0,07              | 19,61                       | 10         | ND51618000K    |
| 180                 | 190,00              | 0,80                | 180                 | 0,15                          | 0,07              | 29,42                       | 15         | ND51618000M    |
| 203                 | 213,00              | 0,80                | 203                 | 0,12                          | 0,05              | 11,02                       | 5          | ND51620300E    |
| 203                 | 213,00              | 0,80                | 203                 | 0,12                          | 0,05              | 13,23                       | 6          | ND51620300G    |
| 203                 | 213,00              | 0,80                | 203                 | 0,12                          | 0,05              | 22,04                       | 10         | ND51620300K    |
| 203                 | 213,00              | 0,80                | 203                 | 0,12                          | 0,05              | 33,07                       | 15         | ND51620300M    |

| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Total Weight per Piece (kg) | Length (m) | Article Number |
|---------------------|---------------------|---------------------|---------------------|-------------------------------|-------------------|-----------------------------|------------|----------------|
| 254                 | 264,00              | 0,80                | 254                 | 0,10                          | 0,04              | 16,46                       | 6          | ND51625400G    |
| 254                 | 264,00              | 0,80                | 254                 | 0,10                          | 0,04              | 27,44                       | 10         | ND51625400K    |
| 305                 | 315,00              | 0,80                | 305                 | 0,05                          | 0,03              | 16,41                       | 5          | ND51630500E    |
| 305                 | 315,00              | 0,80                | 305                 | 0,05                          | 0,03              | 19,70                       | 6          | ND51630500G    |
| 305                 | 315,00              | 0,80                | 305                 | 0,05                          | 0,03              | 32,83                       | 10         | ND51630500K    |
| 315                 | 325,00              | 0,80                | 315                 | 0,03                          | 0,02              | 33,88                       | 10         | ND51631500K    |
| 315                 | 325,00              | 0,80                | 315                 | 0,03                          | 0,02              | 16,94                       | 5          | ND51631500E    |
| 315                 | 325,00              | 0,80                | 315                 | 0,03                          | 0,02              | 20,33                       | 6          | ND51631500G    |
| 350                 | 360,00              | 0,80                | 350                 | 0,02                          | 0,02              | 37,58                       | 10         | ND51635000K    |